

of about 1-10 mm and/or a thickness of about 0.3-3 mm.

50. (Previously Presented) The apparatus of claim 47, wherein said apparatus further contains a thermostat device for heating the perfusion liquid.

51. (Currently Amended) The apparatus of claim 47, wherein said endothelium-protective perfusion solution is ~~any one~~ as defined in ~~any one of claims 24-46~~ claim 24.

52. (Canceled) Use of an endothelium-protective perfusion solution defined in any one of claims 24-46 for the preservation of endothelium in isolated hollow organs or biological vessels.

53. (Canceled) Use of an endothelium-protective perfusion solution defined in any one of claims 24-46 for maintenance or repair of endothelial tissue in isolated hollow organs or biological vessels.

54. (Canceled) Use of an endothelium-protective perfusion solution defined in any one of claims 24-46 for therapy or prevention of vascular occlusions in isolated hollow organs or biological vessels.

55. (Canceled) The apparatus of claim 47, wherein said endothelium-protective perfusion solution is any one as defined in any one of claims 1-23.

56. (Canceled) Use of an endothelium-protective perfusion solution defined in any one of claims 1-23 for the preservation of endothelium in isolated hollow organs or biological vessels.

57. (Canceled) Use of an endothelium-protective perfusion solution defined in any one of claims

~~1-23 for maintenance or repair of endothelial tissue in isolated hollow organs or biological vessels.~~

58. (Canceled) Use of an endothelium-protective perfusion solution defined in any one of claims
~~1-23 for therapy or prevention of vascular occlusions in isolated hollow organs or biological vessels.~~